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Posted by u/Haetes 2 years ago 2

Zune Upgrades

Currently there are some upgrades available to the Zune, such as, batteries and SSDs. Most of us are aware of the SSD, so I will skip that. Batteries on the other hand most of us only get replacement 800mAh batteries, when in fact, there are better ones out there. I will not go over disassembly, ifixit has great guides for that.

IFIXIT Zune Disassembly Guides - https://www.ifixit.com/Device/Zune

Zune 30, 80, 120 - SSD Upgrade

Just follow the IFIXIT guide for your model. Here is the link to the 128GB ZIF SSD I use https://www.amazon.com/gp/product/B008NAI0YC/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1

Zune 30

1300mAh Battery - Easy **UPDATED LINK**

This is one requires little to no modding other than swapping batteries. Occasionally the ribbon cable might be short or face the wrong direction. In those cases, simply fold over cable or carefully cut free the cable from battery.

https://www.amazon.com/Replacement-Battery-1300mAH-Compatible-Generation/dp/B004SJY2WG/ref=sr_1_4?dchild=1&keywords=insten+1300mah+battery&qid=1586041333&sr=8-4

3000mAh Battery - First Tutorial Easy Second Tutorial - Easyish

I stumbled up this battery by accident and figured why not. For this you will need to do a few things.

First Tutorial requires minimal tools and little effort. The Second one requires a pit more patience and a tool that can cut through the HDD cage.

https://www.ebay.com/itm/3000mAh-Replacement-Battery-for-iPod-Video-5th-5-5-Gen-30GB-Thin-iFlash-Adapter/184120782948?ssPageName=STRK%3AMEBIDX%3AIT&_trksid=p2057872.m2749.l2649

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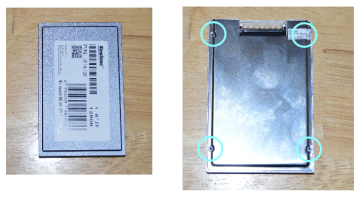
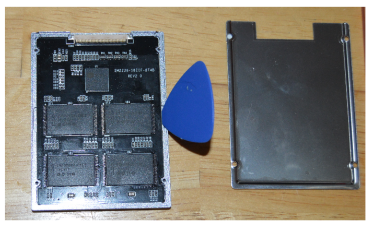
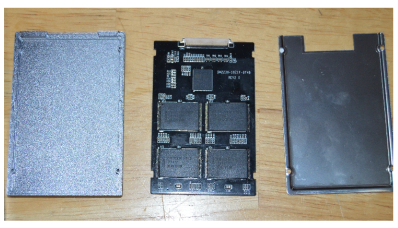
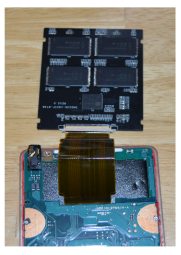
Step 2: Take your SSD and remove the case. You will have to remove the 4 screws from the case and then use a spudger (or similiar tool, small flat head works as well) and gently remove the SSD board.



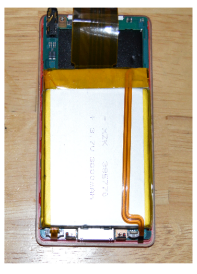




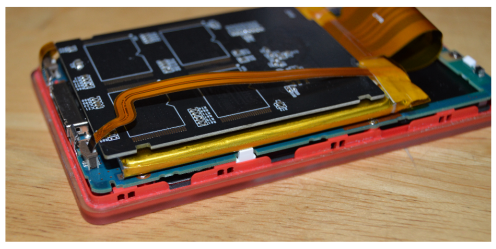
Step 3: Attach the SSD to the ZIF cable



Step 4: Place and attach the 3000mAh Battery and connect it



Step 5: Slide the SSD under the battery ribbon cable



Step 6: Place foam or backing material to create pressure to prevent the components from moving

Step 7: Reassemble the Zune by reattaxhing the back shell and scres atthe bottom.
VOILA! Congrats and the upgrade

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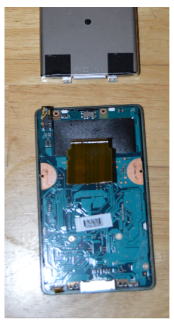

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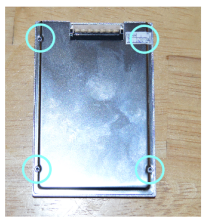

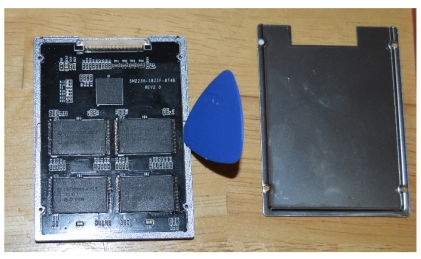

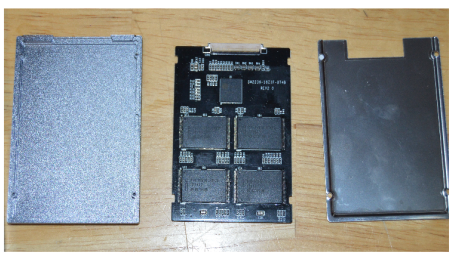

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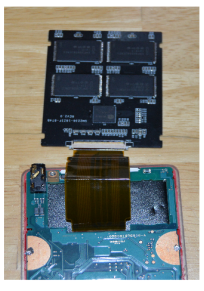
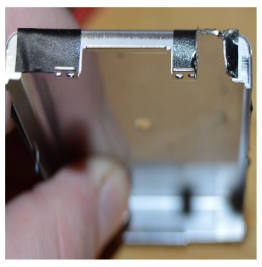


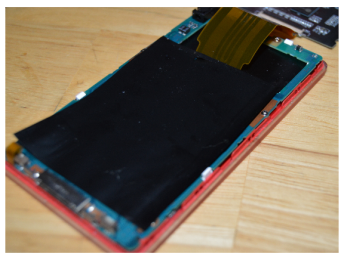
Step 4: Verify that your battery fits inside you HDD cage , use a pencil to mark the area that the cage would to be cut for the battery cable to move freely

(FORGOT TO TAKE A PHOTO, SORRY!)

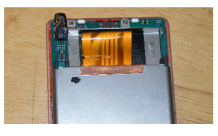
Step 5: Using the markings on you cage use a Dremel and cut away, tin snips or a good pair of wire cutters should do the job also.

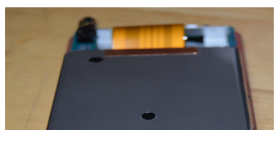


Step 6: Place a paper or thin plastic sheet to cover the board, you don't want to short the board with the SSD. I used the plastic lining from the HDD cage



Step 7: Place SSD on the plasric sheet, be sure to fold the Zif cable away from it. Folding under it will create to much tension and cause the cage to lift off the board. Then place the battery on top and screw down the cages





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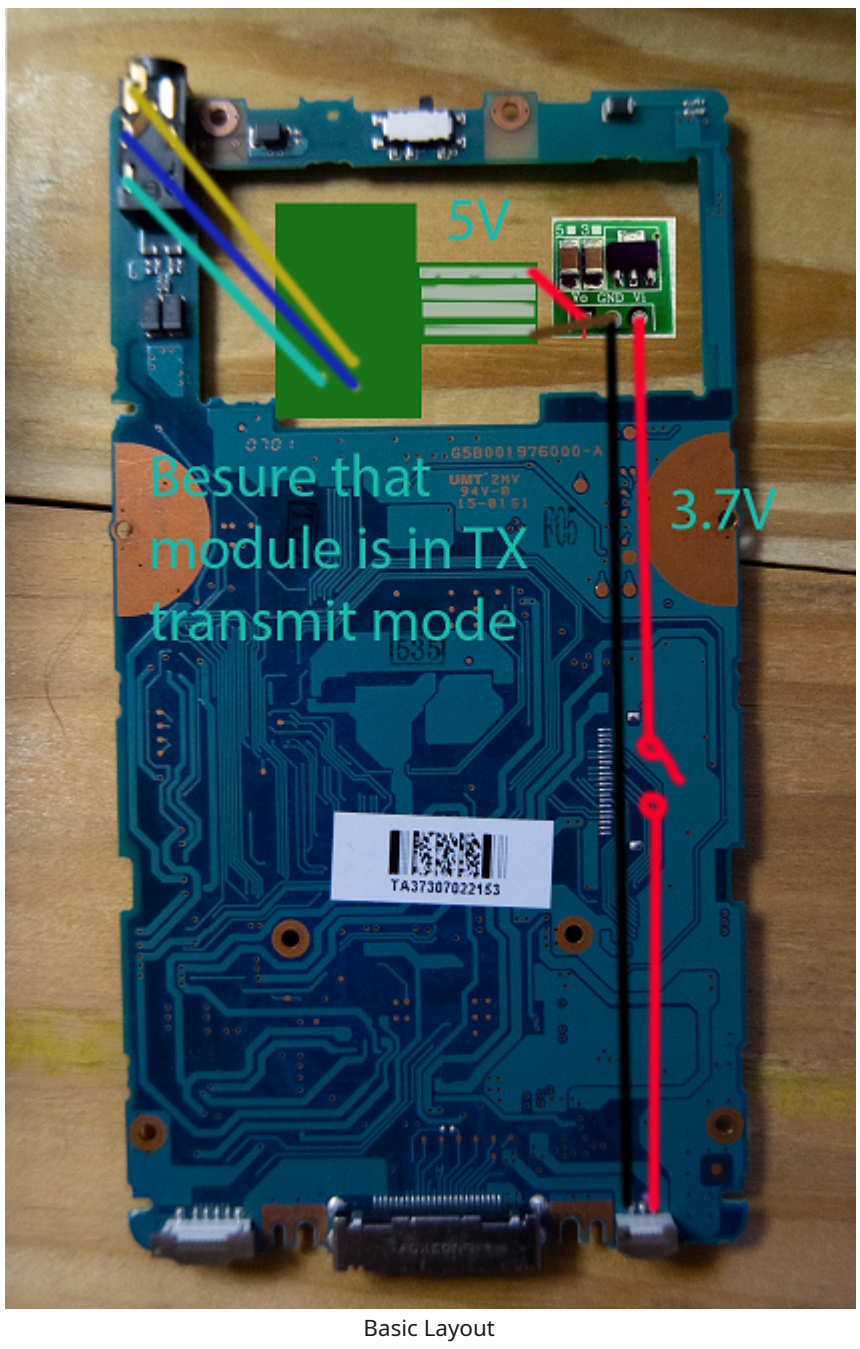
Bluetooth Module: So I successfully added a BT 5.0 board into the Zune 30. As it was supposed to be a test run and not the final I did not photograph the process as I was not sure it would work. It did but was a excruciating process and I do not want to disassemble it again. What I can do is go over what I did, how I did it and where to get the parts. The board pic is the easiest way I can show you how I did. I have tested multiple points and siphoning power right off the battery is the only way to power up the step up module. Here is a photo of the completed unit. If you have questions, please ask.

Finished Zune



Basic Layout

The split in the POS (red) cable is for you to install a switch so you can power on/off step module. I have mine route to the top of the zune next to the hold switch.

Tools: Soldering Iron, Solder, Wire Cutters, Dremel, BT Headphones or speaker to test

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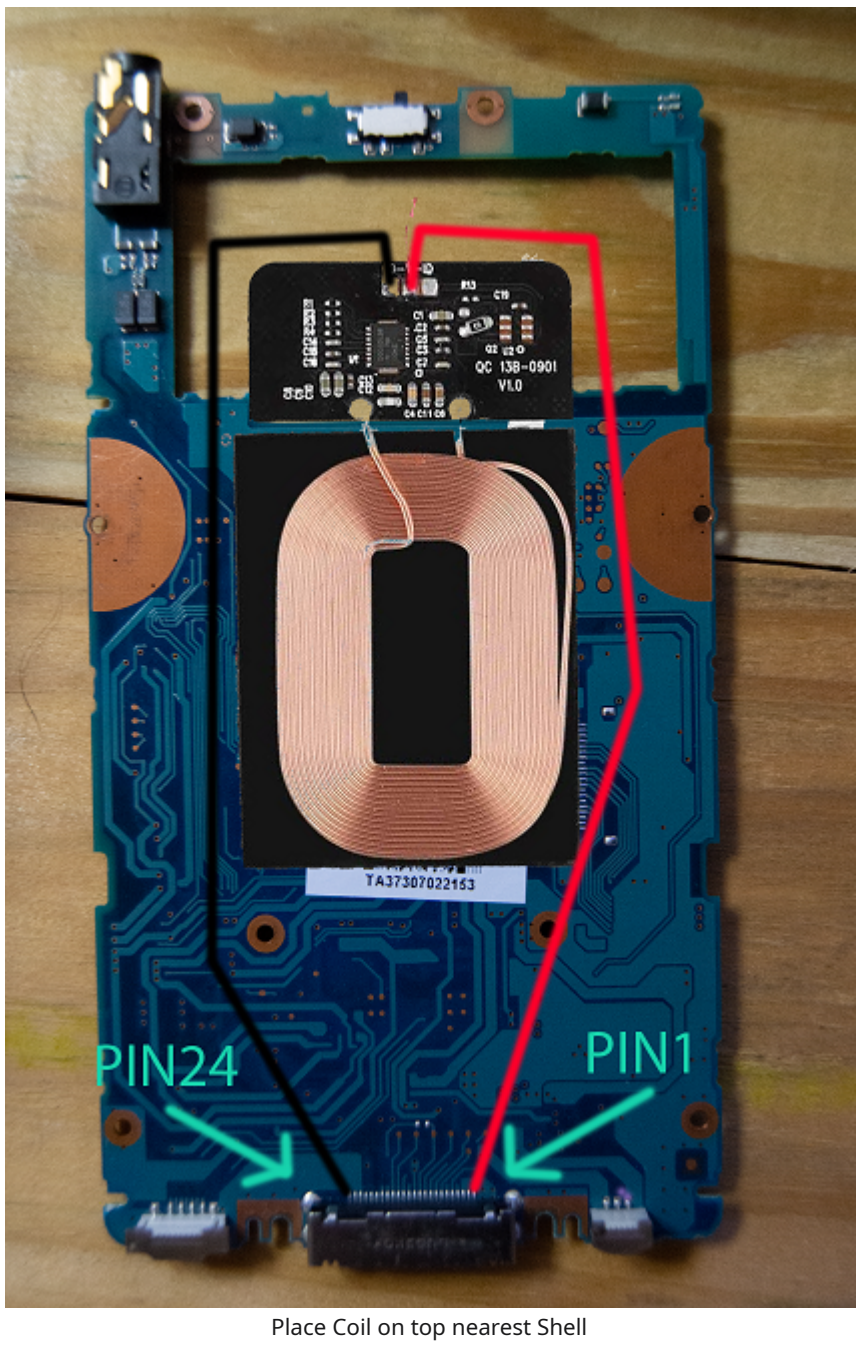
ie=UTF8&psc=1

30AWG Wire
https://www.amazon.com/gp/product/B01LWI20M0/ref=ppx_yo_dt_b_asin_title_o01_s00?ie=UTF8&psc=1

Switch: PACK of 20 https://www.ebay.com/itm/20pcs-Mini-Slide-Switch-On-OFF-

55 Zune Upgrades Close

QI Reciever: One of the easier mods I have completed. All you have to do is solder the two cables onto the Zunes charge ports Pins 1 and 24. Place QI receiver on top of the provided magnet and you're done.



Place Coil on top nearest Shell

Here is the link to a pin out chart. http://pinout.net/browse.php?catid=4&conid=768

Parts: QI Receiver
https://www.amazon.com/gp/product/B07M6CRQ71/ref=ppx_yo_dt_b_asin_title_o02_s00?ie=UTF8&psc=1

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